



Course Outcome Summary

Required Program Core Course

CIA 203

Open-Source Client Operating Systems

Course Information

Division: Business

Contact Hours: 45

Total Credits: 3

Prerequisites: CIS 130

Course Description

This Open-Source Client Operating System course intends to provide students with an understanding of the roles of an open-source client operating system. Including its installation, its essential functions, and the services provided by the operating system. Students will apply the knowledge gained to successfully install, securely configure, operate, and maintain an open-source client operating system.

This course is a required core course for students pursuing a(n)

AAS in System Administration Specialist

AAS in PC Support Technician

AAS in Cybersecurity and Information Assurance

Program Outcomes Addressed by this Course:

Upon successful completion of this course, students should be able to meet the Program-level Student Learning Outcomes listed below:

AAS in System Administration Specialist - Client Operating Systems

PSLO 03 - Install, configure, use, troubleshoot, and maintain microcomputer operating systems.

AAS in PC Support Technician –

Perform routine maintenance on the different computer hardware and operating systems in today's businesses.

Update and upgrade different computer hardware and operating systems in today's businesses.

Recommend and implement different computer systems and operating systems in today's businesses.

Trouble-shoot and fix computers and their peripherals along with their operating systems that are used in today's businesses.

AAS in Cybersecurity and Information Assurance - Client Operating Systems

PSLO 03 - Install, configure, use, troubleshoot, and maintain microcomputer operating systems.

Course Outcomes

To evidence success in this course, the students will be able to:

Upon successful completion of this course, students should be able to meet the Course-level Student Learning Outcomes listed below

CIA 203 CSLO 01 - Implement basic virtualization

CIA 203 CSLO 02 - Install and maintain open-source client operating system

CIA 203 CSLO 03 - Create user accounts

CIA 203 CSLO 04 - Create and use file systems

CIA 203 CSLO 05 - Utilize the command-line interface



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COMMUNITY COLLEGE

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CIA 203 CSLO 06 - Configure basic networking

CIA 203 CSLO 07 - Configure essential security

Date Updated:04/12/2022

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